



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

**Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040**

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Steel Sectional Garage Door up to 12'-2" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **101705**, titled "Commercial EPS Door", sheet 1 of 1, dated 11/2002, with revision 4 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panels. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Miami-Dade County approved laboratory. Every 3 months, the manufacturer shall mail to this office a copy of the tested reports. Only coils with average yield strength of 39,900 psi or more shall be used to make door panels for Miami-Dade County under this Notice of Acceptance.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-0608.17 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
03/27/2012

NOA No 12-0125.13
Expiration Date: September 14, 2013
Approval Date: April 5, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **101705**, titled "Commercial EPS Door", sheet 1 of 1, dated 11/2002, with revision 4 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS *"Submitted under NOA # 09-0608.17"*

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of Clopay 12'-2"x 8', 24 ga. steel garage door, Model 3200 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0107.01-09**, dated 02/02/2009, signed and sealed by David W. Johnson, P.E.

"Submitted under NOA # 07-0807.14"

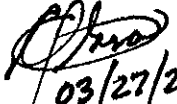
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS *"Submitted under NOA # 09-0608.17"*

1. Anchoring calculations, prepared by Clopay Building Products Company, dated 05/26/2009, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)


03/27/2012

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 12-0125.13

Expiration Date: September 14, 2013

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E. MATERIAL CERTIFICATIONS “Submitted under NOA # 07-0807.14”

1. Test report on Accelerated Weathering Using Xenon Arc Light Apparatus per ASTM G155 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-A002**, dated 12/04/2006, signed by Rafael E. Droz-Seda, P.E.
2. Test report on Self-Ignition Temperature per ASTM D1929, Rate of Burn per ASTM D635, and Smoke Density per ASTM D2843 of the Lexan Plastic, prepared by ETC Laboratories, Test Report No. **ETC-06-1024-17496.0**, dated 05/26/2006, signed by Joseph L. Doldan, P.E.
3. Test report on Surface Burning Characteristics of Building Materials per ASTM E84 of Type I EPS, prepared by Intertek Testing Services, NA, Inc, Test Report No. **3094867SAT-001**, dated 04/13/2006, signed by C. Anthony Penaloza.
4. Test report on Standard Test Method for Determining Ignition Properties of Plastics per ASTM D1929 of Type I EPS, prepared by Intertek Testing Services, NA, Inc, Test Report No. **3094867SAT-002**, dated 04/04/2006, signed by C. Anthony Penaloza.

F. STATEMENTS

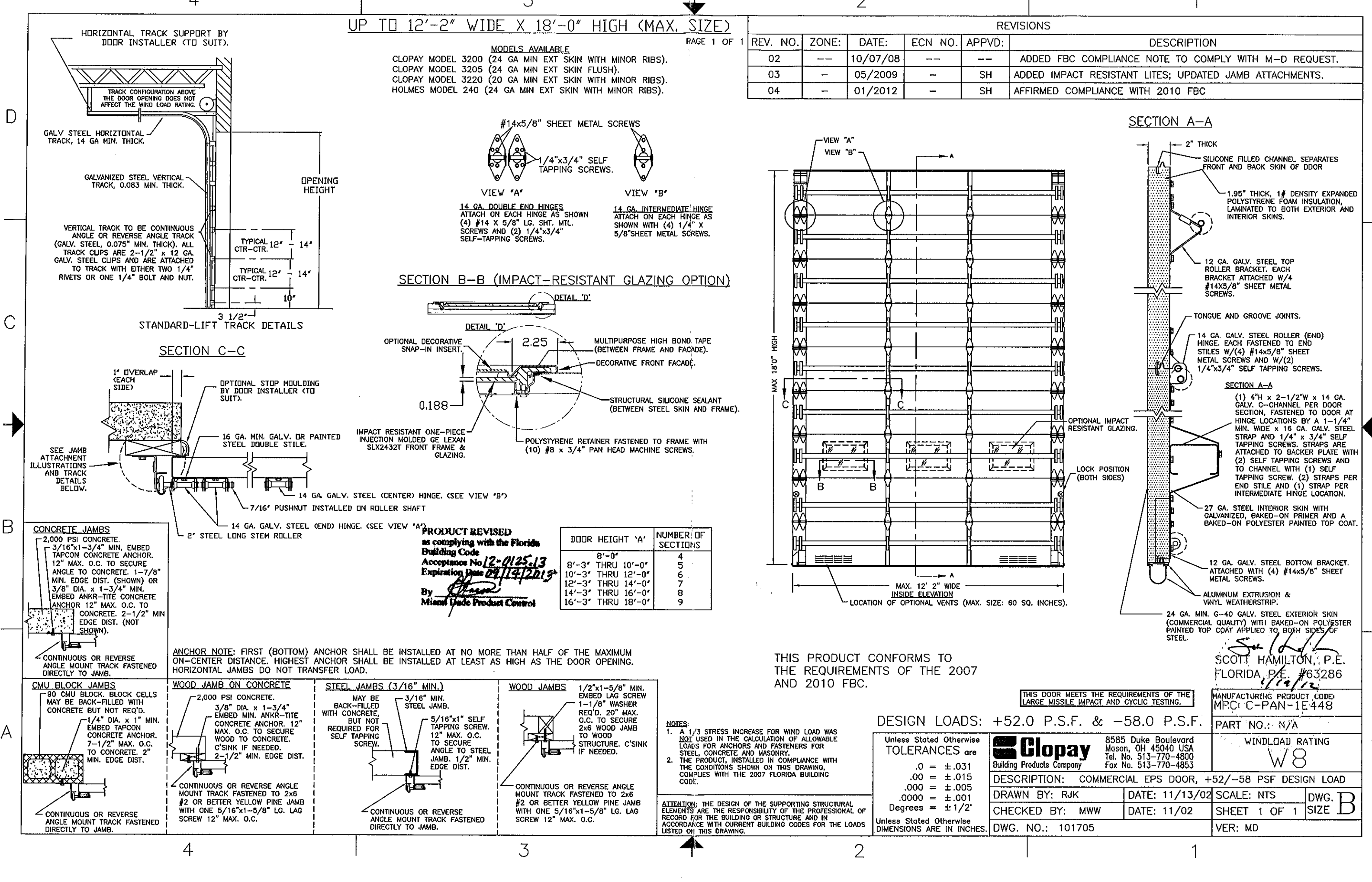
1. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Scott Hamilton, P.E.

“Submitted under NOA # 09-0608.17”
2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 05/26/2009, signed and sealed by Scott Hamilton, P.E.


03/27/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 12-0125.13

Expiration Date: September 14, 2013
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UP TO 12'-2" WIDE X 18'-0" HIGH (MAX. SIZE)

PAGE 1 OF 1

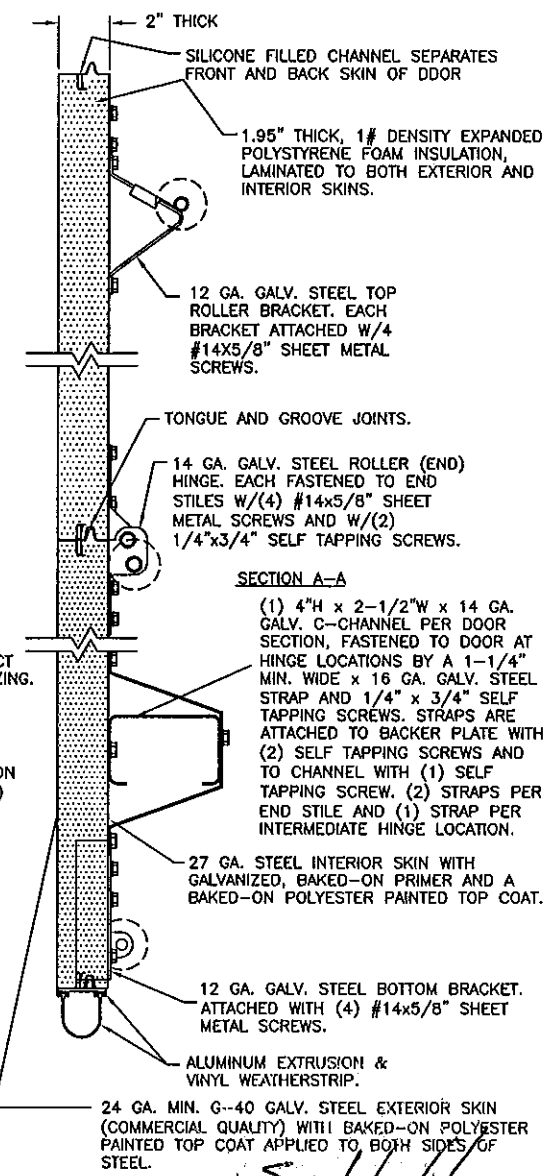
MODELS AVAILABLE

CLOPAY MODEL 3200 (24 GA MIN EXT SKIN WITH MINOR RIBS).
CLOPAY MODEL 3205 (24 GA MIN EXT SKIN FLUSH).
CLOPAY MODEL 3220 (20 GA MIN EXT SKIN WITH MINOR RIBS).
HOLMES MODEL 240 (24 GA MIN EXT SKIN WITH MINOR RIBS).

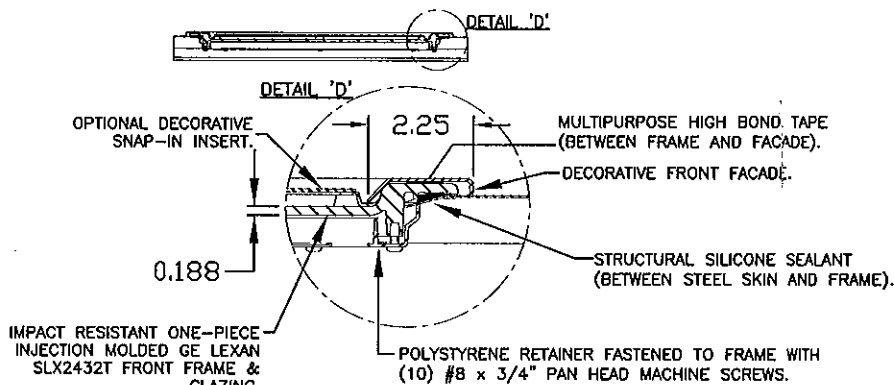
REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
02	--	10/07/08	--	--	ADDED FBC COMPLIANCE NOTE TO COMPLY WITH M-D REQUEST.
03	-	05/2009	-	SH	ADDED IMPACT RESISTANT LITES; UPDATED JAMB ATTACHMENTS.
04	-	01/2012	-	SH	AFFIRMED COMPLIANCE WITH 2010 FBC

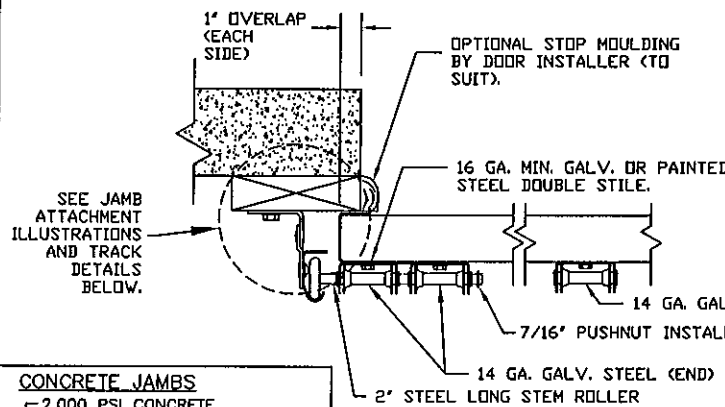
SECTION A-A



SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



SECTION C-C



CONCRETE JAMBS
2,000 PSI CONCRETE.
3/16"x1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR. 12" MAX. O.C. TO SECURE ANGLE TO CONCRETE. 1-7/8" MIN. EDGE DIST. (SHOWN) OR 3/8" DIA. x 1-3/4" MIN. EMBED ANKR-TITE CONCRETE ANCHOR 12" MAX. O.C. TO CONCRETE. 2-1/2" MIN. EDGE DIST. (NOT SHOWN).
CONTINUOUS OR REVERSE ANGLE MOUNT TRACK FASTENED DIRECTLY TO JAMB.

CMU BLOCK JAMBS
90 CMU BLOCK. BLOCK CELLS MAY BE BACK-FILLED WITH CONCRETE BUT NOT REQ'D.
1/4" DIA. x 1" MIN. EMBED TAPCON CONCRETE ANCHOR. 7-1/2" MAX. O.C. TO CONCRETE. 2" MIN. EDGE DIST.
CONTINUOUS OR REVERSE ANGLE MOUNT TRACK FASTENED DIRECTLY TO JAMB.

WOOD JAMB ON CONCRETE
2,000 PSI CONCRETE.
3/8" DIA. x 1-3/4" EMBED MIN. ANKR-TITE CONCRETE ANCHOR. 12" MAX. O.C. TO SECURE WOOD TO CONCRETE. C/SINK IF NEEDED. 2-1/2" MIN. EDGE DIST.
CONTINUOUS OR REVERSE ANGLE MOUNT TRACK FASTENED TO 2x6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"x1-5/8" LG. LAG SCREW 12" MAX. O.C.

STEEL JAMBS (3/16" MIN.)
MAY BE BACK-FILLED WITH CONCRETE, BUT NOT REQUIRED FOR SELF TAPPING SCREW.
3/16" MIN. STEEL JAMB.
5/16"x1" SELF TAPPING SCREW. 12" MAX. O.C. TO SECURE ANGLE TO STEEL JAMB. 1/2" MIN. EDGE DIST.
CONTINUOUS OR REVERSE ANGLE MOUNT TRACK FASTENED DIRECTLY TO JAMB.

WOOD JAMBS
1/2"x1-5/8" MIN. EMBED LAG SCREW 1-1/8" WASHER REQ'D. 20" MAX. O.C. TO SECURE 2x6 WOOD JAMB TO WOOD STRUCTURE. C/SINK IF NEEDED.
CONTINUOUS OR REVERSE ANGLE MOUNT TRACK FASTENED TO 2x6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"x1-5/8" LG. LAG SCREW 12" MAX. O.C.

DOOR HEIGHT 'A'	NUMBER OF SECTIONS
8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 12-0125-13
Expiration Date 04/14/2013
By *[Signature]*
Missile Made Product Control

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2007 AND 2010 FBC.

DESIGN LOADS: +52.0 P.S.F. & -58.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: COMMERCIAL EPS DOOR, +52/-58 PSF DESIGN LOAD	DATE: 11/13/02	SCALE: NTS	DWG. SIZE B
DRAWN BY: RJK	DATE: 11/02	SHEET 1 OF 1	VER: MD
CHECKED BY: MWW			
DWG. NO.: 101705			

MANUFACTURING PRODUCT CODE: MPC C-PAN-1E448

PART NO.: N/A

WINDLOAD RATING
W8